

Datasheet for ABIN7275376

Neurotensin Protein (NTS) (AA 23-162) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Neurotensin (NTS)
Protein Characteristics:	AA 23-162
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurotensin protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse NTS1 Protein
Sequence:	Ser23-Leu162
Characteristics:	Recombinant Mouse NTS1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ser23-Leu162.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Neurotensin (NTS)
Alternative Name:	NTS1 (NTS Products)

Target Details

Background:	Crystal structures of neurotensin receptor subtype 1 (NTS1) allowed us to visualize the binding mode of the endogenous peptide hormone neurotensin and its pharmacologically active C-terminal fragment NT(8-13) within the orthosteric binding pocket of NTS1.
Molecular Weight:	42.9 kDa. Due to glycosylation, the protein migrates to 48-51 kDa based on Tris-Bis PAGE result.
UniProt:	Q9D3P9

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution inPBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse NTS1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .